



# KS7

## Product Datasheet

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# **BITMAIN**

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[www.bitmain.com](http://www.bitmain.com)

# 1. Specification

Product Glance	Value
Model	KS7
Version	10
Crypto algorithm   coins	kHeavyHash   KAS
Sub	40T
Typical Hashrate, TH/s <sup>(1-1)</sup>	40
Power on wall @25°C, Watt <sup>(1-1)</sup>	3080
Power efficiency on wall@25°C, J/T <sup>(1-1)</sup>	77

Detailed Characteristics	Value
<b>Single-Phase AC Power supply</b>	
Input voltage, Volt <sup>(2-1)</sup>	220~277V
Input Frequency Range, Hz	50~60
Input max current, Amp	20
<b>Hardware Configuration</b>	
Network connection mode	RJ45 Ethernet 10/100M
Server size (Length*Width*Height, w/o package), mm	430*195.5*290
Server size (Length*Width*Height, with package), mm	570*316*430
Net weight, kg	16.4
Gross weight, kg	18
Noise@25°C, dBA @25°C <sup>(2-2)</sup>	75
<b>Environment Requirements</b>	
Operation temperature, °C	-20~45
Storage temperature, °C	-40~70
Operation humidity(non-condensing), RH	10~90%
Operation altitude, m <sup>(2-3)</sup>	≤2000

## Notes:

(1-1) The Hashrate value, Power on wall, and Power efficiency on wall are all typical values. The actual Hashrate value fluctuates by  $\pm 3\%$ , and the actual Power on wall and Power efficiency on wall fluctuate by  $\pm 5\%$ .

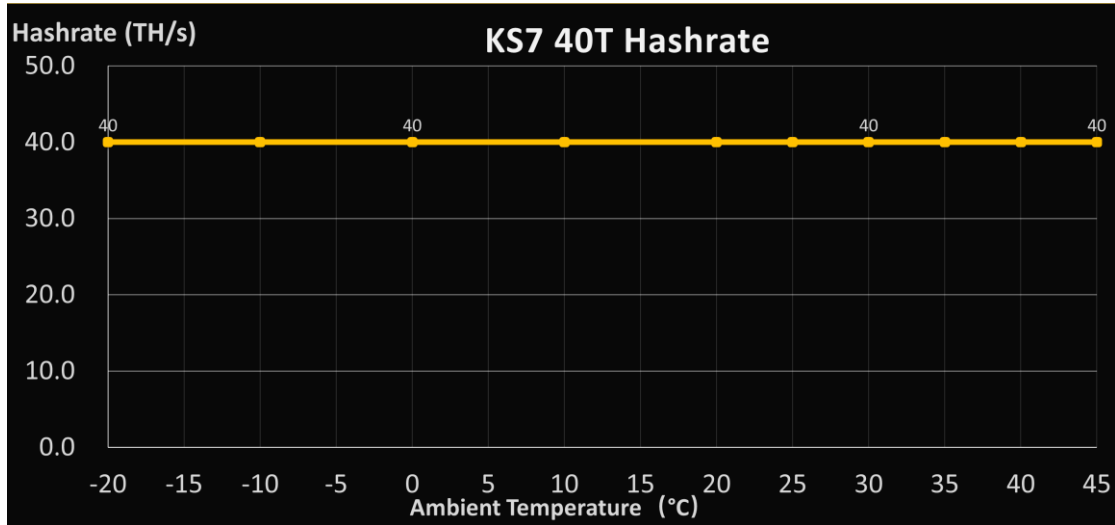
(2-1) Caution: Wrong input voltage may cause server damaged.

(2-2) Max condition: Fan is under max RPM (rotation per minute).

(2-3) When the miner is used at an altitude from 900m to 2000m, the highest operating temperature decreases by 1°C for every increase of 300m.

## 2. Performance Curves

### (1) Hashrate vs. Ambient Temperature



### (2) Power Efficiency vs. Ambient Temperature

